

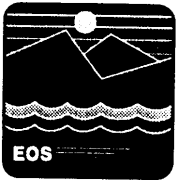


# **MODAPS Hardware Plans**

**Ed Masuoka**

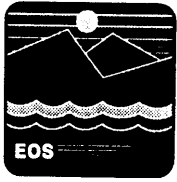
**MODIS Science Data Support Team**

**June 9, 1999**



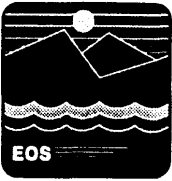
# MODAPS At-launch

- **mtvsl - production system**
  - 64 250Mhz R10K processors (8GFLOPS)
  - 16GB memory
  - 2.3TB Fibre Channel RAID
  - HiPPI, Fibre Channel, Gigabit Ethernet, FDDI
- **mol - acceptance test system**
  - 16 195Mhz R10K processors
  - 4GB memory
  - 600GB Fibre Channel RAID
  - HiPPI, Fibre Channel, Gigabit Ethernet, FDDI



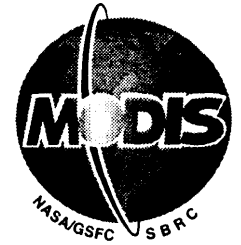
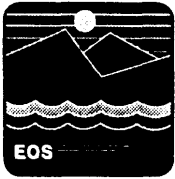
# MODAPS At-launch

- **modular - development system, integration&test**
  - 8 195Mhz R10K processors
  - 2 GB memory
  - 1TB Fibre Channel RAID
  - Fibre Channel, FDDI
- **modis-xl - ClearCase server, test system, TL-SCF**
  - 8 195Mhz R10K processors
  - 2GB memory
  - 400GB RAID
  - Fibre Channel, FDDI



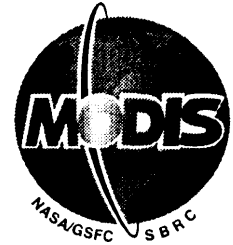
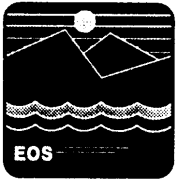
# MODAPS At-launch

- **nfs servers - hold home directories and data can be accessed by all computer systems**
  - modisnfs 1
    - FDDI
    - 4GB SCSI disks
  - modisnfs2
    - FDDI, 100Mbps switched Ethernet
    - 18GB Fibre Channel RAID disks
- **moving files to modisnfs2 from modisnfs1 - done**



# mtvsl

- **Combine four 16 processor systems into one 64 processor system beginning on 5/12/99 - done**
- **Upgrade OS to IRIX 6.5.3 - done**
- **Move Sybase from modis-xl to mtvsl after the upgrade to IRIX 6.5.3 - done**
- **Install and configure HiPPI to PDR server - done**
- **Add remaining 1TB of Fibre Channel RAID**
  - Add controller 6/9*
  - Add remaining disks by 6/15*



# Ampex Libraries

- 2 Ampex 812's with 3 drives each (production)
  - 1 Ampex 812 with no drives (production)\*
  - 1 Ampex 812 with 2 drives (acceptance test)
  - 1 Ampex 712 with 1 drive (LDOPE, MODLAND)
- \* Add at least one DST drive to library w/o drives, awaiting 506 authority*